

| Type | L # | Hits | Search Text | DBs | Time Stamp | Com s | Err r Defi nitio n |
|------|-----|------|-------------|---|--------------------------|------------------|--------------------------------|
| 1 | BRS | L1 | 466 | botulinum adj (toxin or neurotoxin) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:10 | 0 |
| 2 | BRS | L2 | 81 | clostridial adj (toxin or neurotoxin) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:10 | 0 |
| 3 | BRS | L3 | 2 | beratti adj (toxin or neurotoxin) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:11 | 0 |
| 4 | BRS | L4 | 3 | butyricum adj (toxin or neurotoxin) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:11 | 0 |
| 5 | BRS | L5 | 19 | tetani adj (toxin or neurotoxin) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:11 | 0 |
| 6 | BRS | L6 | 494 | (botulinum adj (toxin or neurotoxin)) or (clostridial adj (toxin or neurotoxin)) or (beratti adj (toxin or neurotoxin)) or (butyricum adj (toxin or neurotoxin)) or (tetani adj (toxin or neurotoxin)) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:12 | 0 |
| 7 | BRS | L7 | 839 | targeting adj moiety | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:13 | 0 |
| 8 | BRS | L8 | 3835 | substance adj p | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:13 | 0 |
| 9 | BRS | L9 | 26 | 6 same (7 or 8) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:13 | 0 |

| Type | L # | Hits | Search Text | DBs | Time Stamp | Com | Err |
|------|-----|------|--|--------------------------|------------------|------|-------|
| | | | | | | ment | Def |
| | | | | | | s | nitio |
| 10 | BRS | L10 | 393761 recombinant\$2 or encod\$3 | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:14 | | 0 |
| 11 | BRS | L11 | 9 same 10 | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:15 | | 0 |
| 12 | BRS | L12 | 9 same (conjugat\$3 or covalen\$2 or link\$3) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:20 | | 0 |
| 13 | BRS | L13 | 10 same 12 | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:20 | | 0 |
| 14 | BRS | L14 | 6 same 8 | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:19 | | 0 |
| 15 | BRS | L15 | 14 same (conjugat\$3 or covalen\$2 or link\$3) | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:20 | | 0 |
| 16 | BRS | L16 | 10 same 15 | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:21 | | 0 |
| 17 | BRS | L17 | donovan adj stephen.in. | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:22 | | 0 |
| 18 | BRS | L18 | 9 17 and 14 | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:22 | | 0 |
| 19 | BRS | L19 | 9 18 and 10 | USPAT; EPO; JPO; DERWENT | 2004/01/13 09:23 | | 0 |

FILE 'MEDLINE' ENTERED AT 09:28:2 N 13 JAN 2004

FILE 'CAPLUS' ENTERED AT 09:28:20 ON 13 JAN 2004
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FILE 'EMBASE' ENTERED AT 09:28:20 ON 13 JAN 2004
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FILE 'SCISEARCH' ENTERED AT 09:28:20 ON 13 JAN 2004
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FILE 'AGRICOLA' ENTERED AT 09:28:20 ON 13 JAN 2004

=> s botulinum (w) (toxin or neurotoxin)
L1 22828 BOTULINUM (W) (TOXIN OR NEUROTOXIN)

=> s clostridial (w) (toxin or neurotoxin)
L2 1439 CLOSTRIDIAL (W) (TOXIN OR NEUROTOXIN)

=> s berati (w) (toxin or neurotoxin)
L3 0 BERATI (W) (TOXIN OR NEUROTOXIN)

=> s beratti (w) (toxin or neurotoxin)
L4 1 BERATTI (W) (TOXIN OR NEUROTOXIN)

=> s butyricum (w) (toxin or neurotoxin)
L5 40 BUTYRICUM (W) (TOXIN OR NEUROTOXIN)

=> s tetani (w) (toxin or neurotoxin)
L6 433 TETANI (W) (TOXIN OR NEUROTOXIN)

=> s 11 or 12 or 14 or 15 or 16
L7 24024 L1 OR L2 OR L4 OR L5 OR L6

=> s substance P
L8 100001 SUBSTANCE P

=> s targeting moiety
L9 724 TARGETING MOIETY

=> s 18 (p) 19
L10 3 L8 (P) L9

=> s 17 (p) 18
L11 85 L7 (P) L8

=> s 111 (p) (conjugat? or link? orcovalent?)
L12 6 L11 (P) (CONJUGAT? OR LINK? ORCOVALENT?)

=> s 112 (p) (express? or recombinant? or encod?)
L13 0 L12 (P) (EXPRESS? OR RECOMBINANT? OR ENCOD?)

=> duplicate remove 112
PROCESSING COMPLETED FOR L12
L14 6 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)

=> d 114 1-6 ibib abs

L14 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:862780 CAPLUS

DOCUMENT NUMBER: 139:358792

TITLE: Botulinum toxin derivatives and methods to treat pain
associated with bone cancer

INVENTOR(S): Donovan, Stephen

PATENT ASSIGNEE(S): Allergan, Inc., USA

SOURCE: U.S., 24 pp., Cont.-in-part of U.S. Ser. No. 489,667.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| US 6641820 | B1 | 20031104 | US 2000-625098 | 20000725 |
| WO 2002007759 | A2 | 20020131 | WO 2001-US21984 | 20010712 |
| WO 2002007759 | A3 | 20030103 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| US 2002037833 | A1 | 20020328 | US 2001-922093 | 20010803 |
| US 6500436 | B2 | 20021231 | | |
| US 2002068699 | A1 | 20020606 | US 2001-938112 | 20010823 |

PRIORITY APPLN. INFO.: US 2000-489667 A2 20000119
US 2000-625098 A 20000725

AB Methods for treating pain assocd. with bone tumor by administration to a patient of a therapeutically effective amt. of an agent are disclosed. The agent may include a ***clostridial*** ***neurotoxin*** component attached to a targeting moiety, wherein the targeting moiety is selected from the group consisting of transmission compds. which can be released from neurons upon the transmission of pain signals by the neurons, and compds. substantially similar to the transmission compds. Specifically disclosed are ***conjugates*** of ***botulinum*** ***toxin*** components with ***substance*** ***p***.

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:89857 CAPLUS

DOCUMENT NUMBER: 136:145260

TITLE: Clostridial toxin derivatives and methods for treating pain

INVENTOR(S): Donovan, Stephen

PATENT ASSIGNEE(S): Allergan Sales, Inc., USA

SOURCE: PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2002007759 | A2 | 20020131 | WO 2001-US21984 | 20010712 |
| WO 2002007759 | A3 | 20030103 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| US 6641820 | B1 | 20031104 | US 2000-625098 | 20000725 |

PRIORITY APPLN. INFO.: US 2000-625098 A 20000725
US 2000-489667 A2 20000119

AB Methods for treating a bone tumor, in particular pain assocd. with bone tumor, by administration to a patient of a therapeutically effective amt. of an agent are disclosed. The agent may include a clostridial neurotoxin component attached to a targeting moiety, wherein the targeting moiety is selected from the group consisting of transmission compds. which can be released from neurons upon the transmission of pain signals by the neurons, and compds. substantially similar to the transmission compds.

L14 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:241331 CAPLUS

DOCUMENT NUMBER: 136:273210

TITLE: Clostridial toxin derivatives and methods for treating pain

INVENTOR(S): Donovan, Stephen

PATENT ASSIGNEE(S): Allergan Sales, Inc., USA

SOURCE:

U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S.
Ser. No. 5,098.

CODEN: USXXCO

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2002037833 | A1 | 20020328 | US 2001-922093 | 20010803 |
| US 6500436 | B2 | 20021231 | | |
| US 6641820 | B1 | 20031104 | US 2000-625098 | 20000725 |
| PRIORITY APPLN. INFO.: | | | US 2000-489667 | A2 20000119 |
| | | | US 2000-625098 | A2 20000725 |

AB Agents for treating pain, methods for producing the agents and methods for treating pain by administration to a patient of a therapeutically effective amt. of the agent are disclosed. The agent can include a clostridial neurotoxin, or a component or fragment or deriv. thereof, attached to a targeting moiety, wherein the targeting moiety is selected from a group consisting of transmission compds. which can be released from neurons upon the transmission of pain signals by the neurons, and compds. substantially similar to the transmission compds. The agent comprises a botulinum toxin component covalently coupled to substance P.

L14 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:721252 CAPLUS

DOCUMENT NUMBER: 138:1236

TITLE: Inhibition of Release of Neurotransmitters from Rat Dorsal Root Ganglia by a Novel Conjugate of a Clostridium botulinum Toxin A Endopeptidase Fragment and Erythrina cristagalli Lectin

AUTHOR(S): Duggan, Michael J.; Quinn, Conrad P.; chaddock, John A.; Purkiss, John R.; Alexander, Frances C. G.; Doward, Sarah; Fooks, Sarah J.; Friis, Lorna M.; Hall, Yper H. J.; Kirby, Elizabeth R.; Leeds, Nicola; Mouldsdale, Hilary J.; Dickenson, Anthony; Green, G. Mark; Rahman, Wahida; Suzuki, Rie; Shone, Clifford C.; Foster, Keith A.

CORPORATE SOURCE: Centre for Applied Microbiology and Research, Porton Down, Salisbury, Wiltshire, SPR 0JG, UK

SOURCE: Journal of Biological Chemistry (2002), 277(38), 34846-34852

CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Clostridial neurotoxins potently and specifically inhibit neurotransmitter release in defined cell types. Here we report that a catalytically active deriv. (termed LHN/A) of the type A neurotoxin from Clostridium botulinum has been coupled to a lectin obtained from Erythrina cristagalli to form a novel conjugate. This conjugate exhibits an *in vitro* selectivity for nociceptive afferents compared with the anatomically adjacent spinal neurons, as assessed using *in vitro* primary neuronal culture systems to measure inhibition of release of neurotransmitters. Chem. conjugates prepd. between *E. cristagalli* lectin and either natively sourced LHN/A or recombinant LHN/A purified from *Escherichia coli* are assessed, and equivalence of the recombinant material are demonstrated. Furthermore, the dependence of inhibition of neurotransmitter release on the cleavage of SNAP-25 is demonstrated through the use of an endopeptidase-deficient LHN/A conjugate variant. The duration of action of inhibition of neurotransmitter released by the conjugate *in vitro* is assessed and is comparable with that obsd. with Clostridium botulinum neurotoxin. Finally, *in vivo* electrophysiolog. shows that these *in vitro* actions have biol. relevance in that sensory transmission from nociceptive afferents through the spinal cord is significantly attenuated. These data demonstrate that the potent endopeptidase activity of clostridial neurotoxins can be selectively retargeted to cells of interest and that inhibition of release of neurotransmitters from a neuronal population of therapeutic relevance to the treatment of pain can be achieved.

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:545729 CAPLUS

DOCUMENT NUMBER: 135:132453

TITLE: Clostridial neurotoxin derivatives attached to
 targetin moieties, and methods using them for
 treating pain
 INVENTOR(S): Donovan, Stephen
 PATENT ASSIGNEE(S): Allergan Sales, Inc., USA
 SOURCE: PCT Int. Appl., 76 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2001053336 | A1 | 20010726 | WO 2001-US1529 | 20010117 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002068699 | A1 | 20020606 | US 2001-938112 | 20010823 |

PRIORITY APPLN. INFO.: US 2000-489667 A 20000119
 AB The invention provides agents for treating pain, methods for producing the
 agents, and methods for treating pain by administration to a patient of a
 therapeutically effective amt. of the agent. The agent can include a
 clostridial neurotoxin, or a component of fragment or deriv. thereof,
 attached to a targeting moiety, wherein the targeting moiety is selected
 from transmission compds. which can be released from neurons upon the
 transmission of pain signals by the neurons, and compds. substantially
 similar to the transmission compds.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 1999:249106 CAPLUS
 DOCUMENT NUMBER: 130:276767
 TITLE: Conjugates of galactose-binding lectins and
 clostridial neurotoxins as analgesics
 INVENTOR(S): Duggan, Michael John; Chaddock, John Andrew
 PATENT ASSIGNEE(S): The Speywood Laboratory Limited, UK; Microbiological
 Research Authority
 SOURCE: PCT Int. Appl., 50 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 9917806 | A1 | 19990415 | WO 1998-GB3001 | 19981007 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2306350 | AA | 19990415 | CA 1998-2306350 | 19981007 |
| AU 9893574 | A1 | 19990427 | AU 1998-93574 | 19981007 |
| AU 741456 | B2 | 20011129 | | |
| ZA 9809138 | A | 19990527 | ZA 1998-9138 | 19981007 |
| EP 996468 | A1 | 20000503 | EP 1998-946571 | 19981007 |
| EP 996468 | B1 | 20030521 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| JP 2001518522 | T2 | 20011016 | JP 2000-514674 | 19981007 |
| AT 240747 | E | 20030615 | AT 1998-946571 | 19981007 |

PRIORITY APPLN. INFO.: GB 1997-21189 A 19971008
 WO 1998-GB3001 W 19981007

AB A class of novel agents that are able to modify nociceptive afferent
 function is provided. The agents may inhibit the release of

neurotransmitters from discrete populations of neurons and thereby reduce or preferably prevent the transmission of afferent pain signals from peripheral to central pain fibers. They comprise a galactose-binding lectin linked to a deriv. of a clostridial neurotoxin. The deriv. of the clostridial neurotoxin comprises the L-chain, or a fragment thereof, which includes the active proteolytic enzyme domain of the light (L) chain, linked to a mol. or domain with membrane-translocating activity. The agents may be used in or as pharmaceuticals for the treatment of pain, particularly chronic pain.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 09:27:55 ON 13 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 09:28:20 ON 13 JAN 2004

L1 22828 S BOTULINUM (W) (TOXIN OR NEUROTOXIN)
L2 1439 S CLOSTRIDIAL (W) (TOXIN OR NEUROTOXIN)
L3 0 S BERATI (W) (TOXIN OR NEUROTOXIN)
L4 1 S BERATTI (W) (TOXIN OR NEUROTOXIN)
L5 40 S BUTYRICUM (W) (TOXIN OR NEUROTOXIN)
L6 433 S TETANI (W) (TOXIN OR NEUROTOXIN)
L7 24024 S L1 OR L2 OR L4 OR L5 OR L6
L8 100001 S SUBSTANCE P
L9 724 S TARGETING MOIETY
L10 3 S L8 (P) L9
L11 85 S L7 (P) L8
L12 6 S L11 (P) (CONJUGAT? OR LINK? OR COVALENT?)
L13 0 S L12 (P) (EXPRESS? OR RECOMBINANT? OR ENCOD?)
L14 6 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)

=> s donovan stephen/au

L15 62 DONOVAN STEPHEN/AU

=> s l15 and l11

L16 5 L15 AND L11

=> duplicate remove l16

PROCESSING COMPLETED FOR L16

L17 5 DUPLICATE REMOVE L16 (0 DUPLICATES REMOVED)

=> s l17 not l14

L18 1 L17 NOT L14

=> d l18 1 ibib abs

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:696303 CAPLUS

DOCUMENT NUMBER: 139:224458

TITLE: ***Botulinum*** ***toxin*** and
substance ***p*** components for treating
inflammation and pain

INVENTOR(S): ***Donovan, Stephen***

PATENT ASSIGNEE(S): Allergan Sales, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 13 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2003165541 | A1 | 20030904 | US 2002-82691 | 20020225 |

PRIORITY APPLN. INFO.: US 2002-82691 20020225

AB The present invention relates to methods for treating neurogenic inflammation pain. The methods include administering an effective amt. of a compn. which includes a ***botulinum*** ***toxin*** component and a ***substance*** ***p*** component to a patient, thereby treating the neurogenic inflammation pain.

=> d his

(FILE 'HOME' ENTERED AT 09:27:55 ON 13 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT
09:28:20 ON 13 JAN 2004

L1 22828 S BOTULINUM (W) (TOXIN OR NEUROTOXIN)
L2 1439 S CLOSTRIDIAL (W) (TOXIN OR NEUROTOXIN)
L3 0 S BERATI (W) (TOXIN OR NEUROTOXIN)
L4 1 S BERATTI (W) (TOXIN OR NEUROTOXIN)
L5 40 S BUTYRICUM (W) (TOXIN OR NEUROTOXIN)
L6 433 S TETANI (W) (TOXIN OR NEUROTOXIN)
L7 24024 S L1 OR L2 OR L4 OR L5 OR L6
L8 100001 S SUBSTANCE P
L9 724 S TARGETING MOIETY
L10 3 S L8 (P) L9
L11 85 S L7 (P) L8
L12 6 S L11 (P) (CONJUGAT? OR LINK? ORCOVALENT?)
L13 0 S L12 (P) (EXPRESS? OR RECOMBINANT? OR ENCOD?)
L14 6 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)
L15 62 S DONOVAN STEPHEN/AU
L16 5 S L15 AND L11
L17 5 DUPLICATE REMOVE L16 (0 DUPLICATES REMOVED)
L18 1 S L17 NOT L14

=> log y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 81.42 | 81.63 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -4.85 | -4.85 |

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